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ABSTRACT

The focus of the Association for Biology Laboratory Education (ABLE) is to improve the undergraduate biology laboratory experience by promoting the development and dissemination of interesting, innovative, and reliable laboratory exercises. This proceedings volume includes 13 papers: "Non-Radioactive DNA Hybridization Experiments for the Undergraduate Laboratory: The Southern Blot Analysis" (S. J. Karcher); "Inheritance of Aldehyde Oxidase in 'Drosophila melanogaster'" (J. G. Morgan & V. Finnerty); "Allometry in Biological Systems" (S. C. Trombulak); "Techniques in Karyology: The Bone Marrow Extraction Method" (D. K. Tolliver & L. W. Robbins); "Biological Assessment of Stream Quality" (M. V. Ball); "A Quantitative Enzyme Study Using Simple Equipment" (B. A. D. Nichols & L. B. Cholewiak); "How to Construct and Use a Dichotomous Key" (S. L. Timme); "Using Human Blood, Saliva, and Dental Caries in the Biology Teaching Laboratory" (C. L. Case); "Scientific Inquiry" (G. C. Boone); "A Practical Plan for Implementing Investigative Laboratories" (J. L. Dickey & R. J. Kosinski); "Science as Investigation: A First Majors Course Teaching the Process" (A. R. P. Journet); "Strengthening Biology Teaching by Working with the Local School System" (A. L. Karpala, D. D. Burke, & R. Williams); and "Photographic Techniques for the Field and Laboratory" (J. D. Slaughter). Appendices contain additional mini-workshops and ABLE membership list. (MKR)

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